

10-17-05

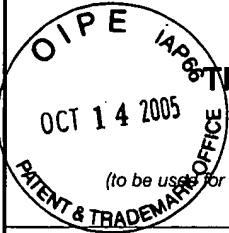
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PTO/SB/21 (08-03)

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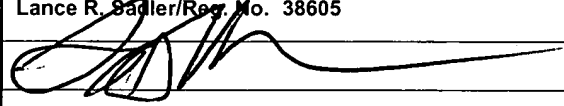
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 <b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)	Application Number	10/706,493
	Filing Date	11/12/2003
	First Named Inventor	Jeffrey A. Andrews
	Group Art Unit	2676
	Examiner Name	Hau H Nguyen
	Attorney Docket Number	MS1-1373US
Total Number of Pages in This Submission		

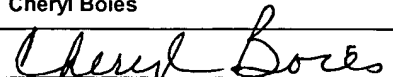
**ENCLOSURES (check all that apply)**

<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Documents <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group ( <i>Appeal Notice, Brief, Reply Brief</i> ) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) ( <i>please identify below</i> ): <i>Form PTO-1449; reference copies (8); return receipt postcard</i>
Remarks		

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

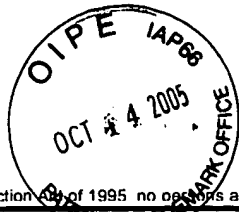
Firm or Individual Name	Lance R. Sadler/Reg. No. 38605
Signature	
Date	October 14, 2005

**CERTIFICATE OF TRANSMISSION/EXPRESS MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as EXPRESS mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Typed or printed name	Cheryl Boies		
Signature		Date	October 14, 2005

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EV697604697

PTO/SB/17 (12-04)

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<b>FEE TRANSMITTAL</b> <b>For FY 2005</b>		<b>Complete if Known</b>	
Effective on 12/01/2005. Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).		Application Number	10/706,493
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Filing Date	11/12/2003
<b>TOTAL AMOUNT OF PAYMENT</b> (\$ ) 180.00		First Named Inventor	Jeffrey A. Andrews
		Examiner Name	Hau H Nguyen
		Art Unit	2676
		Attorney Docket No.	MS1 1373US

**METHOD OF PAYMENT** (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_

☒ Deposit Account Deposit Account Number: 12-0769 Deposit Account Name: Lee & Hayes, PLLC

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee

☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

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**FEE CALCULATION**

**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

**2. EXCESS CLAIM FEES**

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent	50	25
Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent	200	100
Multiple dependent claims	360	180

**Total Claims**      **Extra Claims**      **Fee (\$)**      **Fee Paid (\$)**      **Multiple Dependent Claims**

\_\_\_\_\_ - 20 or HP = \_\_\_\_\_ x 50 = \_\_\_\_\_      **Fee (\$)**      **Fee Paid (\$)**

HP = highest number of total claims paid for, if greater than 20

**Indep. Claims**      **Extra Claims**      **Fee (\$)**      **Fee Paid (\$)**

\_\_\_\_\_ - 3 or HP = \_\_\_\_\_ x 200 = \_\_\_\_\_

HP = highest number of independent claims paid for, if greater than 3

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
_____ - 100 = _____	_____ / 50 = _____	(round up to a whole number) x _____	_____	_____

**4. OTHER FEE(S)**

	Fees Paid (\$)
Non-English Specification, \$130 fee (no small entity discount)	
Other: Information Disclosure Statement	\$180.00

<b>SUBMITTED BY</b>			
Signature		Registration No. 38605 (Attorney/Agent)	Telephone (509) 324-9256
Name (Print/Type)	Lance R. Sadler	Date October 14, 2005	

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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EV697604697

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application Serial No. .... 10/706,493  
Filing Date ..... 11/12/2003  
Confirmation No. .... 7232  
Inventorship ..... Jeffrey A. Andrews  
Applicant ..... Microsoft Corporation  
Group Art Unit ..... 2676  
Examiner ..... Hau H Nguyen  
Attorney's Docket No. .... MS1-1373US  
Title: Methods and Systems for Rendering Computer Graphics

**INFORMATION DISCLOSURE STATEMENT**

**References -- See Attached Form PTO-1449**

To: **Mail Stop Amendment**  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

From: Lance R. Sadler (Tel. 509-324-9256; Fax 509-323-8979)  
Lee & Hayes, PLLC  
421 W. Riverside Avenue, Suite 500  
Spokane, WA 99201

The attached form PTO-1449 is submitted in compliance with Applicant's duty of disclosure under 37 CFR §1.56. The Examiner is requested to make these citations of official record in this application.

The Commissioner is hereby authorized to charge payment of fees or credit overpayments to Deposit Account No. 12-0769 as set forth in 37 CFR §1.17(p).

Dated: 10/14/05

By: 

Lance R. Sadler  
Reg. No. 38605

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PTO/SB/08B (08-03)

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		<b>Complete if Known</b>	
		Application Number	10/706,493
		Filing Date	11/12/2003
		First Named Inventor	Jeffrey A. Andrews
		Art Unit	2676
		Examiner Name	Hau H Nguyen
Sheet 1 of 1	Attorney Docket Number MS1 1373US		

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Yamachi, Hidemi et al., "A Technique for Object and Collision Detection by Z-buffer," Information Processing Society, Vol. 43, No. 6, June 2002, pp 1899-1909.	
		White, Martin et al., "The Tayra 3-D Graphics Raster Processor," Comput. & Graphics, Vol. 21, No. 2, pp. 129-142, 1997.	
		Chen, Cheng-Hsien et al., "Reduce the Memory Bandwidth of 3D Graphics Hardware with a Novel Rasterizer," Journal of Circuits, Systems, and Computers, Vol. 11, No. 4 (2002) pp. 377-391.	
		Bresenham, Jack, "Teaching the graphics processing pipeline: cosmetic and geometric attribute implications," Computers & Graphics 25 (2001), pp 343-349.	
		Doctor, Louis et al., "Using raster scan in color graphics," Raster Technologies, Mini-Micro Systems, December 1981, pp. 102-107.	
		Whitted, T., "Hardware Enhanced 3-D Raster Display System," CMCCS '81 - ACCHO '81, pp 349-356.	
		Fuchs, H. et al., "Pixel-Planes: A VLSI-Oriented Design for 3-D Raster Graphics," CMCCS '81 - ACCHO '81, pp 343-347.	
		Parke, Frederic I., "Simulation and Expected Performance Analysis of Multiple Processor Z-Buffer Systems," Computer Engineering, Case Institute of Technology, pp 48-56.	

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

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